

KINGMAN FIRE DEPARTMENT



***2011
Annual Report***





INTRODUCTION

As the Fire Chief of the Kingman Fire Department, I proudly present to you this summary of the activities for the year 2011. We continue to face new challenges due to financial deficits. Kingman Fire Department has slightly reduced the number of public events and outreach in the community but continue to look for new and innovative ways to reach the public and deliver our safety messages. We were pleased to continue with some of our regular events including the Neighborhood Safety Fairs, Pink Heals, and Code Three Clothe a Kid among others.

The Kingman Fire Department responded to 8,902 calls for emergency and non-emergency assistance, which is an increase of 3.64% from last year. Emergency responses accounted for 5,074 of the total responses. There were 4,229 calls for EMS, which represents more than 83% of our total emergency response. Our paramedics/EMTs transported 4,054 patients for treatment at area hospitals.

Fiscal Year	Budget Comparison
2007/2008	\$6,055,169
2008/2009	\$5,581,010
2009/2010	5,223,398
2010/2011	5,187,196
2011/2012	5,167,938



Training continues to be a priority, though we still have not been able to fill the training officer position due to budgetary restraints. This includes fire, EMS, hazardous materials, and specialized rescue training for all members of the department. We are also active in the community assisting businesses with safety and prevention programs through code enforcement inspections and assisting with preparedness initiatives.

The department continues to respond with personnel and specialized equipment to incidents involving hazardous

materials, trench rescue, rope rescue, confined space rescue and structural collapse. All of the incidents require significant amounts of training and additional equipment for our personnel, who also respond for mutual aid in association with other neighboring departments.

The process of consolidating dispatching for area public safety agencies was started. Kingman Police, Kingman Fire, Golden Valley Fire, Northern Arizona Consolidated Fire, Pine Lake Fire, and Pinion Pines Fire expect to have the new 9-1-1 center in full operation sometime early in 2012.

We are pleased to report that improvements continue to occur at the Memorial at Firefighters Park (pictured on the cover) to further honor our fallen firefighters through the Kingman Firefighters association in conjunction with the work of our personnel and City Parks department personnel.

In May, I was both humbled and honored to be the recipient of the Bob Weber Lifetime Achievement Award through Arizona Fire Chiefs and again for a nomination to the Arizona Firefighters Hall of Flame in September.

Kingman Fire Department prides itself on being proactive, efficient and effective in our delivery of services. We are an exemplary organization due in part to the support of the Mayor, City Council, City Manager and his staff, as well as other City departments and supporting governmental agencies.



Chief Chuck Osterman
Bob Weber Lifetime
Achievement Award
May 2011

I want to thank all the men and women of the Fire Department for their support and commitment to excellence.

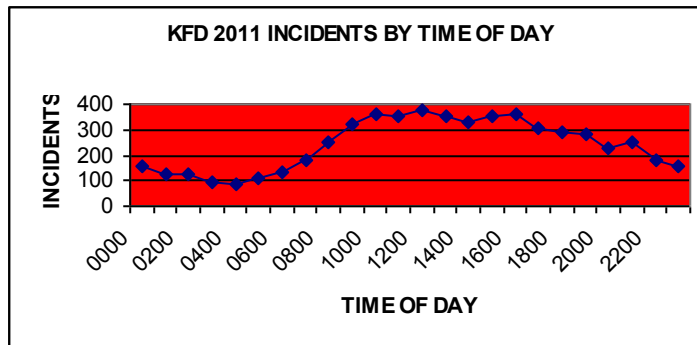
Chuck Osterman, Fire Chief





EMERGENCY ACTIVITY

Kingman Fire Department firefighters responded to more calls for emergency incidents and service than in any other year in the history of the fire department. These incidents include the extinguishment of fires, treatment and extrication at vehicular accidents, hazardous materials responses, fire alarms, weather related incidents and providing Advanced Life Support (paramedics) techniques and care during transport to the hospital. The department also provides mutual aid response to neighboring departments in accordance with numerous agreements in Mohave County.



Our four strategically located fire stations utilize a combination of career and paid-on-call firefighters. Career firefighter/Paramedics and EMTs staff all four stations 24 hours per day, 7 days per week.

Currently there are 43 uniformed career personnel working 24 hour shifts. There are an additional 7 uniformed fire fighting personnel, including the chief officers who work out of the administration office, 10 uniformed paid-on-call personnel who fill in for vacation and sick leave as well as respond to larger emergency incidents as necessary.

Kingman Fire Department has a wealth of knowledge and experience in our personnel. This provides the department with the ability to utilize this talent to guide and manage various facets of the organization. In addition to their normal emergency preparedness and response activities nearly all personnel assume additional roles to assist in the management of various project and programs. These include our Self Contained Breathing Apparatus (SCBA) and breathing air program, Maps and Map Book program, and components of Hazardous Materials and Technical Rescue response programs, in addition to a few other active committees.

Steering Committee

The Steering Committees consists of operational personnel who bring problems, solutions and suggestions to the table for issues within the Operations Division. Issues that have received acknowledgement, discussion and in many cases resolutions include scheduling systems for personnel, training program guidance, and various suggestions and input for the amendment or development of standard operating

procedures. Topics and activities are very diverse and allow a forum for positive and productive change.

Safety Committee

The Safety Committee consists of operational personnel. The Safety Committee meets every other month with a set agenda of reviewing all work related injuries and accidents that occur within the workplace. Goals of these reviews are to prevent future injuries and accidents through engineering practices and in some cases environmental changes through equipment and/or gear. Additionally, the committee provides a forum for personnel to bring safety concerns of their peers to an organized setting.

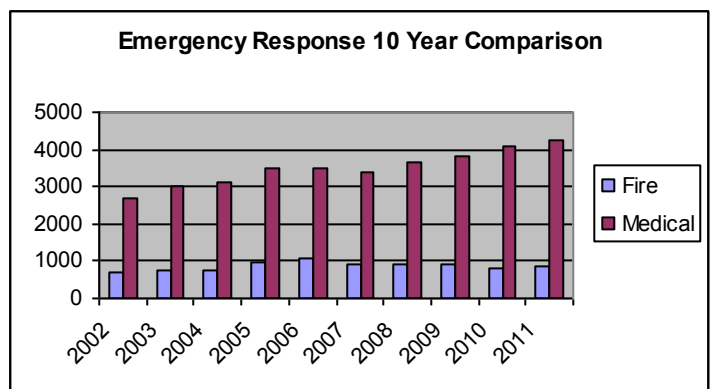
The EMS Committee

The EMS Committee consists of operational response personnel. The EMS committee is committed to providing valuable input towards the improved service delivery of emergency medical care that comprises nearly 80% of our emergency responses. The group researches and identifies state of the art equipment, practices, and conditions to prepare responders to meet the needs of the responders and the Kingman community. The committee was very instrumental this past year in assisting with the evolution of our 12-Lead field EKG program, the continuous compression CPR program and internal professional development of our personnel.

The Physical Fitness Committee

The Physical Fitness Committee consists of operational personnel. The committee was developed to promote physical fitness and wellness within the organization. Several members of the committee have received training and education as peer fitness instructors. These personnel act as a spearhead to guide the organization towards a systematic approach to maintaining the physical fitness and wellness of personnel. In the last year the group has been instrumental in the development of our newly revamped program which is all encompassing to ensure the health and wellness of our personnel during their years of service and after separation.

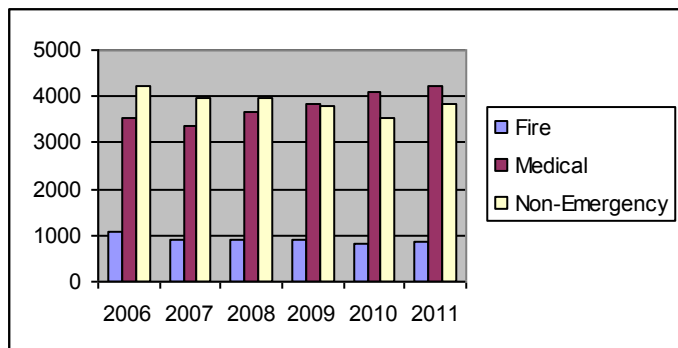
Joseph Dörner, Asst. Fire Chief





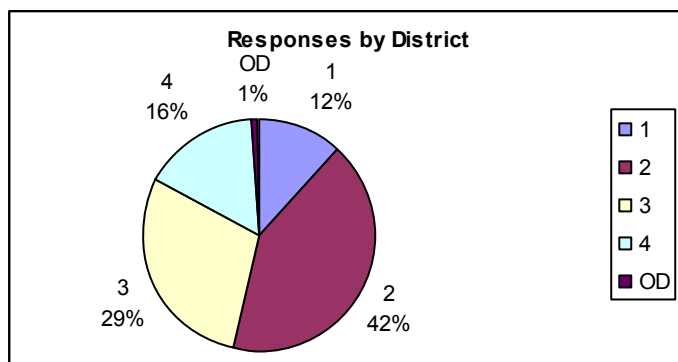
EMERGENCY ACTIVITY

Five Year Activity Comparison



5 year Comparison of Emergency Incident

Call Type	2007	2008	2009	2010	2011
Structure Fire	24	44	28	24	25
Vehicle Fire	25	27	21	27	21
Brush Fire	45	19	19	22	32
Rubbish Fire	36	24	29	15	20
Other Fire	28	25	30	24	19
Other Hazard	120	110	101	105	108
Good Intent/False	623	672	688	605	620
General Illness	1,750	2,095	2,034	2,584	2,757
Falls	292	296	254	241	299
Cardiac	224	280	253	169	213
Respiratory	215	209	183	184	182
Emotional	122	123	143	140	187
Motor Vehicle	138	126	103	126	108
Assault and Gunshots	45	53	53	48	51
OD/Poison	49	48	57	51	40
Other Medical	540	443	751	531	392
Total	4,276	4,594	4,747	4,896	5,074



Kingman Fire Department Facility and Equipment Data

Building	Address	Year Built	# Personnel Housed Daily	Apparatus
Station 1	301 N. Fifth Street	1973/1974	4 (includes Battalion Chief)	U-246 Battalion Chief E-211 2007 Pierce, Engine E-212 1992 Pierce, Reserve Engine B-216 1995 Ford, Wildland Vehicle S-217 1982 International, Hazmat Support Unit
Station 2 & Training Ground	1605 Harrison Street	1962/1963	3 to 4	E-221 1998 Pierce, Engine E-222 1995 Pierce, Reserve Engine T-228 1985 Ford, Water Tender T-218 1989 GMC, Water Tender
Station 3	4000 N. Sierra Road	1996	4	E-231 2009 Pierce, Engine L-234 2002 Pierce, Ladder Truck R-235 2007 Freightliner, Medium Rescue U-265 2001 Ford, Travel Vehicle Mass Casualty Trailer Ranger 4 x 4 2005, Off-Road SUV Support Vehicle
Station 4	302 Eastern Street	1987	3	E-241 2004 Pierce, Engine B-246 2000 Ford, Wildland Vehicle

There were no deaths as a result of fire in 2011.



Emergency response increased 3.64% in the last year.

In the last ten years emergency response has increased 49.7%.

Quick dispatcher response, rapid response by our EMS personnel and the use of effective protocols with cardiac arrest patients has increased the return of spontaneous circulation (ROSC) with a patient discharge from hospital with no neural deficits from <5% to 30% .



EMERGENCY MEDICAL SERVICES

The Kingman Fire Department has been providing rescue services to our citizens since the inception of our department providing a foundation for our community service and a commitment to our citizens which is continued present day. First aid, motor vehicle accidents and resuscitation calls for service were common place. As our community grew and evolved the demand for services and the growing sophistication of the profession indicated the need for fire based Pre-Hospital Emergency Medical Services. In 1983 our EMS program developed rapidly as KRMC became a licensed Base Station for pre-hospital care. KFD currently provides the highest level of EMS service to the public. Kingman Fire Department participates in shaping pre-hospital care in our region through collaboration with our local hospital, Arizona Department of Health Services and other area EMS providers.

We have taken a leadership role in various state committees and planning groups including ADHS Pandemic Planning Committee, Western Arizona Council of Emergency Medical Services, LEPC and the Kingman Area Pandemic Planning Committee. We actively participate in local emergency planning with our partnership with the Mohave County Emergency Services, Mohave County Health Department and the Kingman Regional Medical Center.

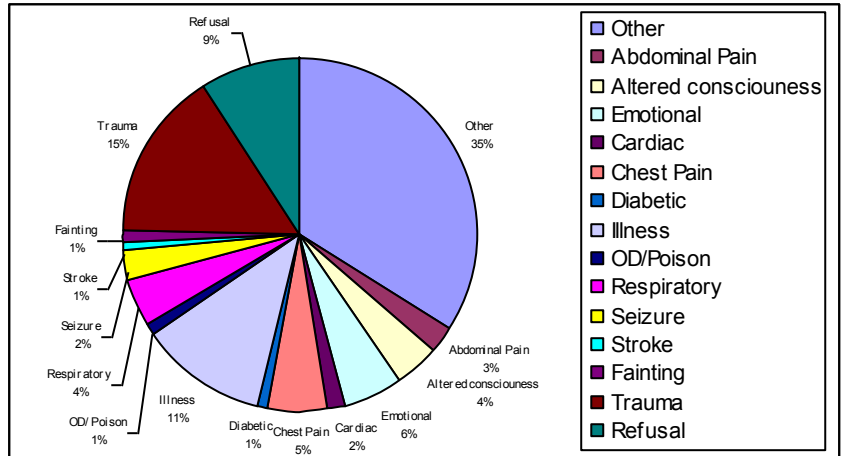
Kingman Fire Department was instrumental in assisting KRMC accreditation as becoming a Cardiac Arrest center by participating in the Sarver Heart Center (University of Arizona) continuous compression study/program. We have met the requirements of Entities such as the Centers for Medicare and Medicaid Services (CMS), the Joint Commission on the Accreditation of Healthcare Organizations (JCAHO), American Heart Association (AHA) and the Arizona Department of Health Services by providing pre-hospital 12 lead ECGs to KRMC which identifies potential acute coronary syndrome in patients and reducing the door to balloon time for emergency cardiac catheterization. Our pre-hospital sudden cardiac arrest survival rate has seen a dramatic increase with an improvement from <5% to 30%.

As a result of the partnership between KRMC and the Mayo Clinic, KFD Paramedics screen potential stroke patients to ensure rapid appropriate care upon arrival at the emergency room. The quality of care and improved patient outcomes have increased dramatically this past year. KFD will continue to identify EMS Risk Management Strategies to provide the best possible pre-hospital care to our citizens.

Kingman Fire continues to participate with KRMC and Midwestern University by providing the opportunity for KRMC

physicians to observe first hand pre-hospital emergency medical services at the emergency scene.

By collaborating with the Arizona Department of Health Services and the KRMC Foundation, we have placed 18 automatic external defibrillators in Kingman and the surrounding areas making our program one of the most exten-



sive in the state.

Our line personnel assist with planning and identifying areas of need through our EMS Committee which is comprised of peers from each shift.

2012 will bring further continued enhancement of our EMS system by ensuring improved patient outcomes through the proper application of appropriate standards of care (effective protocols) and good clinical judgment (effective training) by competent personnel (effective hiring) and using safe equipment (effective fleet and equipment maintenance). We will continue to make improvements in the area patient care reporting and quality assurance procedures. We have identified the need to continue to build on our EMS instructor base and further develop electronic patient care reports along with continued development of our internal quality assurance program.

Our partnerships have resulted in the development and implementation of high quality patient care, improved recognition and reporting of infant, child and elder abuse, sexual assaults and domestic violence. KFD continues to provide opportunities to paramedic students from various agencies for preceptorships. We have continued to strengthen our ability to respond to pandemics and other health disasters by providing inoculations to our members and City of Kingman employees. Our focus in the coming years will be to continue to develop our ability to respond to community health events and other multi hazard disasters.



FIRE PREVENTION

The Fire Prevention Division's mission is to improve the lives of the city residents by preventing fires and reducing the impact of fires that occur. To accomplish this mission, the division performs inspections of businesses and commercial occupancies as mandated by state and local fire codes. The fire prevention division investigates all fires that the engine company can not perform, presents public education programs community-wide, completes plan reviews for commercial and residential projects and performs business license inspections for new businesses opening in the city. The division also oversees the fire hydrant maintenance division. 2011 activities performed by the division include:

- ◆ Juvenile fire setter education instruction to 17 kids.
- ◆ Presented 167 Public Education classes.
- ◆ Had contact with 5,141 kids through public education events.
- ◆ Had contact with 935 adults through public education events.
- ◆ Worked with WACOG in installing 12 residential key boxes.
- ◆ Performed smoke detector maintenance for the elderly 19 times.
- ◆ Performed 2,079 business fire inspections.
- ◆ Performed over 300 business license inspections for new businesses.
- ◆ Performed over 150 residential and commercial plan reviews.
- ◆ The fire hydrant maintenance division performed nearly 12,000 flows, inspections and maintenance activities.

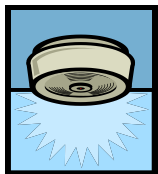
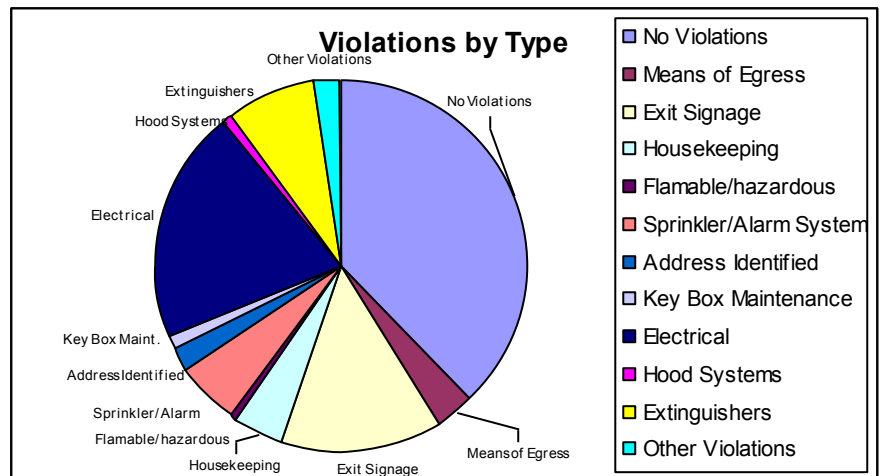
Dollar Loss
\$ 375,891
 Value Saved
\$2,163,267



Firefighter Mike Barnes with a student at Palo Christi School event.

Non-Emergency Fire Prevention Activities

Commercial Plan Reviews	69
Residential Plan Reviews	38
License Reviews	307
Special Events	48
Engineering Reviews	1
P & Z Reviews	7
Code Enforcement	307
Public Education	229
Building Inspections	2,129
Other Calls for Service	693
Total	3,828



**Smoke Alarms,
A Sound
You Can
Live With!**



**CPR saves
Lives**

With CPR and Fire Safety combined there were 229 events with a total of 6,317 public contacts.

Public Education	Contacts
Total Classes	229
Total Seniors	74
Total Adults	1,102
Total Juveniles	5,141

We provide CPR training as a FREE community service.

61 CPR classes were held this year with 18 seniors, 239 adults, and 20 juveniles for a total of 277 participating.



Hydrant Maintenance

Kingman Fire Department is responsible for testing, repairing, and maintaining the 2,441 hydrants within the expanding water system. This includes 1,783 hydrants within the city limits and 658 outside of the city. Five hydrants were added to the system in 2011.

Hydrant Activity	
Flowed	762
Flushed	308
Serviced	63
Painted	61
Inspected	5,086
Repaired	59
Weeded	3,032
Valve Checked	2,568
Total Activity	11,939



TRAINING

Some say that "predictable is preventable," so one of the primary ways that we can avoid or minimize our risks is through training. The department continues to make training one of our top priorities, in spite of having our training officer position unfilled due to the financial climate.

Our aggressive training program can essentially be separated into three segments. The first is medical training, which after initial education, ensures not only that our members maintain all their levels of licensure that require ongoing continuing education and re-certification, but stay abreast of current developments and innovations in EMS care. The second part of the training program is fire and technical in nature. These programs include fire fighting skills, technical rescue skills, extrication and so forth. The third portion of the training system is personnel leadership and development. Through officer training, we ensure that our younger members and our department are prepared for the future. Through this succession planning, we are developing our leaders of tomorrow, today.

The department continues to be adept at training for technical skills but also cost saving training. We pursue grants or other programs available for training to supplement the city budget designated for training wherever they are available. Personnel attended tank car emergency training, technical rescue training and a variety of EMS training utilizing primarily grant or other agency funding.

The department participated in over 7,000 hours of training during 705 classes. The department continued its mission committed to responding to incidents and disasters of all kinds by training members in the aforementioned technical skills including rope, trench, and confined space rescue. The department took advantage of some large vacant buildings to practice search and rescue and live fire scenarios. We also participated in a community wide hazardous materials drill with Praxair and a variety of other agencies.

Our training programs also extend to our dispatching personnel ensuring that new dispatchers are properly trained in handling emergency medical, fire, and hazardous materials incidents at the initial contact level as well as during the

incidents themselves to support our personnel and customers in the field. Our programs adhere to the national standards for emergency medical dispatching in order to give our customers the best possible outcome in their time of need.

I am prepared for the worst, but hope for the best.

Benjamin Disraeli

HONOR GUARD

The Kingman Fire Department Honor Guard is a joint effort between the Kingman Fire Fighters Association, Kingman Unified fire fighters local 4191, Kingman Fire Department and Northern Arizona Consolidated Fire District # 1. The membership includes 16 men and includes three bagpipers with more in training. The members act in many capacities including fire department funerals for present and past members. This year the Honor Guard participated in funerals in Lake Havasu and Phoenix. Honor Guard Pipers Fred Warring and Jim Glover traveled to Colorado Springs, Colorado to participate in the International Fire Fighters Association Memorial celebrating the lives of fallen firefighters and their families from throughout the country. Members also attended the Arizona Fire Fighters fallen Memorial in Phoenix. The honor guard is a very proud group of individuals that spend many hours of volunteer time.



YOUTH EXPLORER PROGRAM

Kingman Fire Department Explorer Post #10, started in May 2009, is an active group of local youths and young adults ranging in age from 14 to 20 who are interested in learning about firefighting and community service.

The KFD Explorer Post is a division of the Boy Scouts of America Explorer Program. The participants in this post learn about firefighting and the importance of community service, they strive to learn about emergency services and the role it plays in our community.



Personnel working in smoky conditions in the last stages of extinguishing a brush fire on Radar Hill.



Here, two of the Explorers assist with a public education program for school children.

Explorers are active in the community assisting with various activities with the Fire Department including Fire Safety Education and Fire Safety Awareness. The Post currently has 14 active members, which includes four adult advisors who are Fire Department members.



Fire Chief
Chuck Osterman
Operations

Assistant Chief
Joe Dorner
Battalion Chiefs

Dan Barkhurst, Roger Dixon, William Johnston, R. Porter Williams

Captains

James Bailey, Robert Borker, Bob Casson, Robert Cole, Tom Flanagan,
Ronald Gordon, Larry Hanson, Shane Milligan, Ben Plechaty, Gary
Turnbow, Fred Warring, Dan Winder

Engineers

Brad Abraham, Jason Burke, Jeff Campbell, Joe Cowin, Kelly Johnson,
Chris Kimrey, Matt Klenke, Joey Meins, Tanner Miller, Mark Olivas, David
Ravenberg, Andrew Rucker, Curt Schrade, Chris Simpson, Mike Stapleton

Firefighters

Mike Barnes, Steve Dixon, David Foster, Chris Jackson, Marc Johnston,
Brandon Medlin, Mac Nelson,
Dustin Osborn, John Patterson, Dave Rivedal, Jeff Stapleton, Keith Walker,
Mathew Wolsey

Reserve Firefighters

Erik Berg, Shane Campbell, Chuck Casson, Kamrin Dooley, Longfeather
Fox, John Osterman III, John Rodriguez, Craig Steele, Bill Watson, Darren
Winters



We were fortunate to be able to conduct drills at the First Value Inn prior to demolition.

All personnel are certified at the basic level for EMS and HAZMAT with 30 at the paramedic level, 22 hazardous materials technicians and 6 technical rescue technicians.

Prevention

Assistant Chief

Doug Bradley

Assistant Fire Marshal

Keith Eaton

Fire Prevention Specialists

Theresa Jones

Dave Patriquin

Chris Weaver

Hydrant Division

Crew Leader

Rick Stewart

Hydrant Maintenance Workers

Stan Eimon

Paul Johnson

Support Staff

Administrative Assistant

Debbie McKee

Administrative Secretary

Christine Eimon

CPR Instructor

Pamela Bein



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dmckee@cityofkingman.gov

Website:

www.cityofkingman.gov

City of Kingman
Manager, Jack Kramer
Mayor and Council
Mayor, John Salem
Vice Mayor, Robin Gordon
Richard Anderson
Erin Cochran
Keith Walker
Janet Watson
Carol Young

**The Mission of the Kingman Fire Department is to preserve and
enhance community life, health and property through quality customer service.**